

IN THE CLAIMS

Please amend the following claims. A marked-up version of the following claims is located in the section captioned "Version With Markings to Show Claim Changes Made."

Sub  
R1  
DI  
Claim 1 (Four Times Amended). A composite chemical barrier fabric having improved durability comprising:

a multiple layer, chemical barrier material having a first side and a second side; and

a durability barrier layer coated on at least one of said first or second side comprising a thermoplastic polyolefin with an inherent bonding affinity to the chemical barrier material, the coated chemical barrier composite achieving at least 25% improvement in ASTM 1342 puncture resistance and at least 25% improvement in modified ISO 7854 Method B flex-crack resistance of the fabric when compared to a fabric not having said durability barrier layer.

Sub  
R2  
D2  
Claim 13 (Twice amended) A composite chemical barrier fabric having improved durability, comprising:

Sub 1  
22  
cont

D3  
cont

a multiple layer, chemical barrier material having a first side and a second;  
and  
a durability barrier layer coated on at least one of said first or second side  
comprising a layer of a thermoplastic olefin resin having an inherent bonding  
affinity to the chemical barrier material, the resin having an ASTM D1238 melt  
flow rate 230/2.16g/10 min of about 0.45; an ASTM D793 density at 23 degrees  
Celsius g/cm<sup>3</sup> of about 0.88; and an ASTM D1693 environmental stress-cracking  
resistance, hours of about >3,000.

D3

Claim 23 (Amended). The composite chemical barrier fabric of Claim 13  
wherein the modified ISO 7854 Method B flex crack resistance of the fabric is  
enhanced by at least 25% through the combination of a multi-layered chemical  
barrier film and the added layer of thermoplastic olefin resin.

Claim 24 (Amended). The composite chemical barrier fabric of Claim 13  
wherein the ASTM 1342 puncture resistance of the fabric is enhanced by at least  
25% through the combination of a multi-layered chemical barrier film and the  
added layer of thermoplastic olefin resin.

Sub 1  
23  
cont

Claim 30 (Amended). A composite chemical barrier fabric having improved  
durability comprising:

*SY*  
*Contd*  
a multiple layer, chemical barrier material having a first side and a second side; and

a durability barrier layer coated on at least one of said first or second side comprising a thermoplastic polyolefin resin having an inherent bonding affinity to the chemical barrier material, the resin having an ASTM D1238 melt flow rate 230/2.16g/10 min of about 0.45.

Claim 35 (Amended). The composite chemical barrier fabric of Claim 30, wherein the fabric achieves at least about a 25% improvement in ASTM 1342 puncture resistance compared to a fabric without the durability layer.

*DS*  
Claim 36 (Amended). The composite chemical barrier fabric of Claim 30, wherein the fabric achieves at least about a 25% improvement in modified ISO 7854 Method B flex crack resistance compared to a fabric without the durability layer.

*Sub*  
Claim 37 (Amended). A composite chemical barrier fabric having improved durability comprising:

a multiple layer, chemical barrier material having a first side and a second side; and

a durability barrier layer coated on at least one of said first or second side comprising a thermoplastic polyolefin resin having an inherent bonding affinity to

the chemical barrier material, the resin having an ASTM D793 density at 23°C g/cm<sup>3</sup> of about 0.88.

Claim 39 (Amended). The composite chemical barrier fabric of Claim 37, wherein the fabric achieves at least about a 25% improvement in ASTM 1342 puncture resistance compared to a fabric without the durability layer.

Claim 40 (Amended). The composite chemical barrier fabric of Claim 30, wherein the fabric achieves at least about a 25% improvement in modified ISO 7854 Method B flex crack resistance compared to a fabric without the durability layer.

### REMARKS

#### Status of the Claims

Claims 1-31, and 33-42 are pending. Claims 1, 13, 23, 24, 30, 35-37, 39, and 40 are amended. Claims 1-31 and 33-42 stand rejected under 35 U.S.C. § 112, first and second paragraphs. Claims 1-3, 30, 31, 37, and 38 are rejected under 35 U.S.C. § 102(d). Claims 4-29, 33-36 and 39-42 are rejected under 35 U.S.C. § 103(a).